

TTE TECHNICAL INFORMATION



Product Support • Mail Stop INH 905
P.O. Box 1976 • Indianapolis, IN 46206 -1976

Television

TV 08-001

DATE: April 11, 2008

Warranty Labor Rate: Major

CHASSIS: P810

MODELS: L37WD22, L37WD250, L42WD22, L42WD250, L46WD22, L46WD250

TOPIC : PCB Main Board (Digital Board) Failure

Symptom: No analog channels, distorted or lost audio, digital channels still present.

Cause: Open Fuse, 1C33, on PCB Main Board

Cure: Install replacement fuse part #275819

If the customer complaint is "Distorted or no audio, no analog channels or analog inputs, but digital channels are still present" inspect the PCB Main Board (Digital Board) for an open fuse. The fuse, 1C33, is located approximately 2 inches behind the tuner (see Figure 1). The surface mounted part has various markings on the original part from "105" to "F" (see Figure 2 close-up) and is located below the board marking "7C32". An open fuse, 1C33 in the +5VMPIF-MAIN supply, has been found to be the cause of the listed problems. Replacement fuse #275819 can be placed directly over the top and soldered to the ends of the existing fuse to lessen the chances of damaging the board traces.



Figure 1: PCB MAIN BOARD

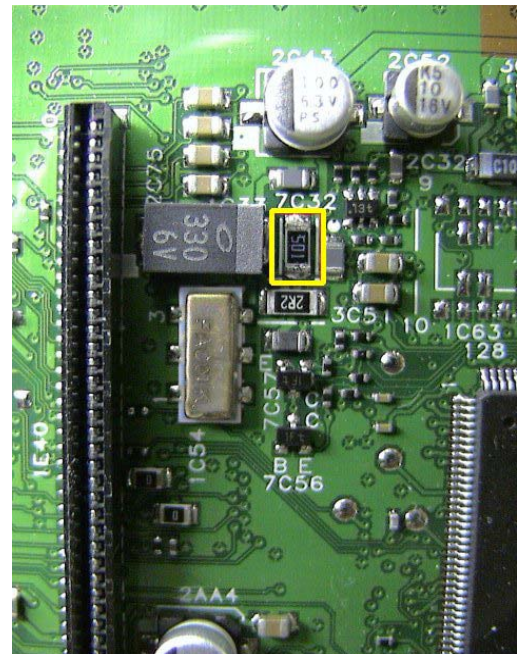


Figure 2: Fuse Location

Product Safety Information

Product Safety information is contained in the appropriate TTE Service Data covering models/chassis referenced herein. All specified Product Safety requirements and testing shall be complied with prior to returning equipment to the customer. Servicers who defeat safety features or fail to perform safety checks may be liable for any resulting damages and may expose themselves and others to possible injury.

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